



MATRIKA DIAGNOSTICS PVT. LTD

CIN: U85100BR2018PTC040281

Shivam Hospital Campus Vidyapuri, Kankarbagh, Patna-800020

Phone: 9523595774, Email: matrikadiagnostics@gmail.com



UHD: 21022025/46637

Pt. Name: Mrs. ANKU RAI

Age/Sex :32 Yrs. / Female

Consultant:-Dr Shanti Roy

Lab No.:Lab-8325

Collection Date: 19-05-2025

Mobile No. :-6203260501

Report Date :19-05-2025 07:59:08
PM

URINE EXAMINATION

Test	Value	Flag	Unit	NormalRange	Remarks
URINE ROUTINE EXAMINATION					
1. Sediments	Absent				
2. Quantity	5 ml			0-50	
PHYSICAL EXAMINATION					
3. COLOUR	Pale straw color				
4. APPEARANCE	Clear				
5. SP. GRAVITY	1.025				
Chemical Examination					
6. PH	6.0			4.8-7.4	
7. Glucose	NIL				
8. PROTEIN	NIL				
9. KETONES	NIL				
10. Bile Salts	Negative				
11. Bile Pigments	Absent				
12. UROBILINOGEN	NIL				
13. Leucocytes	NIL				
14. Erythrocytes	NIL				
15. Epithelial Cells	NIL		/hpf		

Naamte o'ha

Pathologist



ASHUTOSH IMAGING CENTRE

IMAGING & INTERVENTIONAL RADIOLOGY CENTRE

Email: ashutoshimagingcentre@gmail.com

Dr. Ashutosh Jha

(Consultant Radiologist)

MBBS, (Bangalore) DNB (Radiodiagnosis)

Ex- SR IGIMS, Patna

D-71, rajesh Kumar Path
S.k.puri, Near Basawan Park
Boring Road Patna 800001

Contact No.: 9934678123

Timing: 8:00 am to 9:00 Pm

Reg. No. : PAT200525-590
Patient Name : Mrs. ANKU RAI
Ref By : Dr. (MRS) SHANTI ROY (MBBS MS)

Mobile No : N/A
Age/Sex : 28 Y / Female
Report Date : 20/05/2025 1:50PM

Thanks for referral

REAL TIME OBSTETRICS SCAN WAS PERFORMED

Single live intra uterine fetus in cephalic presentation.

Placenta is fundoposterior and towards maternal right with grade 0 maturity. os is free.

Liquor amount is normal [AFI-13.6cm].

Cervical length ~4.3 cm. Internal os is closed.

Fetal cardiac and motor activity seen. FHR is 146 BPM.

Fetal cardia is four chambered and umbilical cord is three vesseled.

Fetal cranium, face, spine, kidneys and limbs are normal.

Fetal stomach & urinary bladder well seen.

FETAL BIOMETRY :

BPD	62.7mm	25Weeks 3Days
HC	236.3mm	25Weeks 5Days
AC	213.6mm	25Weeks 6Days
FL	46.1mm	25Weeks 2Days

Average Gestational Age- 25Weeks 4Days

Estimated Fetal Wt- Grams 833 grams (35.6 percentile)

IMPRESSION- LMP is 21/11/2024 corresponding to 25weeks 5days gestation.

1) Single live intrauterine foetus of 25weeks 4days by USG, in cephalic presentation. Placenta is fundoposterior and towards maternal right with grade 0 maturity. Liquor is adequate [AFI~13.6cm].

2) No definite congenital anomaly seen except aberrant right subclavian artery. Slightly prominent left renal pelvis (~3.3 mm) but within normal range.

3) EDD by USG- 29/08/2025

DECLARATION : I, the undersigned, declare that while conducting ultrasonography / image scanning on the above patient, have neither detected nor disclosed the sex of her fetus to anybody in any manner.

Dr. Ashutosh Jha, Ex-SR IGIMS
DNB, Radiology, BCMR-50698

This Report is not valid for Medico Legal Purpose, Pleaser Correlate Clinically Facilities available
96 Slice CT Scan, All Kinds of USG 3D 4D, USG Guided Interventions, FNAC Biopsy, Liver Elastography.
Digital X-Ray & All Special investigation, Fetal Echo, Echo, Fully Automated Pathology, Lab.



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Boring Road Patna 800001

Contact No.: 9934678123

Timing: 8:00 am to 9:00 Pm

Reg. No.	: PAT200525-590	Mobile No	: N/A
Patient Name	: Mrs. ANKU RAI	Age/Sex	: 28 Y / Female
Ref By	: Dr. (MRS) SHANTI ROY (MBBS MS)	Report Date	: 20/05/2025 1:45PM

FETAL ECHO

Findings: Fetal Echo was done at 25 weeks 4 day gestation.

Abdominal situs appears normal. Cardiac situs appeared normal.

Apex pointing to the left. Rate and rhythm appeared normal.

AV conduction = 1:1.

Left atrial and ventricular heart rate is 147 and 147 BPM.

Right atrial and ventricular heart rate is 146 and 146 BPM.

Ductus venosus waveform is normal.

Two umbilical arteries seen.

Venoatrial connections appeared normal.

SVC and IVC seen draining into the right atrium & show normal waveform.

Pulmonary veins seen draining into the left atrium (2 veins at least seen).

Right atrium appeared normal. Left atrium appeared normal.

Atrioventricular connections appeared normal.

Right ventricle appeared normal with moderator band. Mitral and tricuspid valve appeared normal with apical insertion of tricuspid valve seen.

Interventricular septum intact. Foramen ovale flap opening into left atrium.

Flow velocity and waveforms across the valves are normal with no evidence of tricuspid/mitral regurgitation.

PTD



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Contact No.:9934678123
Timing: 8:00 am to 9:00 Pm

Ventriculoarterial connections appeared normal.

Aorta seen, arising from the left ventricle and appeared normal.

Aortic valve seen and appeared normal.

Pulmonary artery seen arising from the right ventricle and appeared normal.

Pulmonary valve seen and appeared normal. Pulmonary artery bifurcation seen.

Both outflow tracts clearly delineated with continuity of atrio-ventricular septum with anterior wall of aorta. No obvious ASD / VSD noted.

Criss-crossing of outflow tracts noted with normal vessel orientation of appropriate sized pulmonary artery, aorta and SVC.

Aberrant course of right subclavian artery seen passing posterior to trachea.

Aortic and ductal arches appear normal.

PSV across LVOT & RVOT is ~62 cm/sec and ~52 cm/sec.

Three vessel view:

Number: Three vessels seen. Normal course of right subclavian artery.

Size and alignment - Normal. Diameter of MPA and aorta is ~6.4 mm and ~4.2 mm respectively.

IMPRESSION:---

Aberrant course of right subclavian artery seen passing posterior to trachea (*Although a soft marker of aneuploidy but can be seen in upto 2% of normal population*).

Rest no definite structural / rhythmic abnormality seen.

Normal venoatrial, atrioventricular and ventriculoarterial concordance.

Note: Certain type of atrial and ventricular septal defects, branch pulmonary artery and venous anomalies, coronary anomalies, aortic coarctation, evolving cardiac anomalies cannot be detected sonologically, antenatally.

Dr. Ashutosh Jha, Ex-SR IGIMS
DNB, Radiology, BCMR-50698

SHREE DIAGNOSTICS

Choudhary Sweets Lane, Near UCO Bank, Samanpura, Raja Bazar, Patna-800014

REPORT OF M-MODE / 2 - DIMENSIONAL / DOPPLER / COLOUR FLOW MAPPING /
CONTRAST ECHOCARDIOGRAPHY,

Name : MRS. ANKU RAJ

LMP-

Date : 09.01.2025

Age Years

Refd. By : DR. PRAKRITI TIWARY MBBS,MS

USG FOR FETAL WELL BEING(TVS)**UTERUS -**

Gravid uterus with a single live intrauterine fetus of
CRL— 5.6mm corresponding with 6wks 3days of gest.age.
FHR— 122 beats/min
E.D.D— 01.09.2025
Y.SAC-seen.
Cervix— 4.6cm.
Int.os-closed.
Placenta--- Grade '0'.



IMPRESSION: (1)Single live intrauterine fetus of 6wks 3days of gest.age.
(2)Rest organs are sonographically normal.

I, Mrs ANKU RAJ declare that while undergoing ultrasound, I do not want to know the sex of my fetus.

I DR. JAISHREE declare that while conducting ultrasound on Mrs. ANKU RAJ. I have neither Detected nor disclose the sex of her fetus to anybody in any manner

Radiologist

Dr. Jaishree
MBBS,DMRD
Reg. no.BCMR 31018

Note: This study does not guarantee detection of all congenital anomalies. Detection of fetal anomalies depends on the gest. age, fetal position, adequacy of liquor & other variables at the time of scanning. An anomaly can also be missed due to changing fetal position, p. in relation to fetal limbs & heart. Hence all congenital anomalies may not be detected on a single scan. This study does not include fetal echo. Hence cardiac anomaly cannot be entirely excluded.

Facilities : • ECG • Digital X-Ray (300 MA Siemens) • All Contrast Studies (IVP, RGU-MCU, HSC etc.)
• USG (Ultrasound) + Colour Doppler • Echo Doppler • Trans Vaginal USG (TVS) • Vascular Doppler • TMT • PFT • Holter
Time : 9.30 AM to 7.30 PM (Monday to Saturday); 9.30 AM to 1.30 PM (Sunday)

(Please co-relate clinically. not for medico-legal purpose)

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ID: 21022025/46637

Pt. Name: Mrs. ANKU RAI

Age/Sex :32 Yrs. / Female

Consultant:-Dr Shanti Roy

Lab No.:Lab-58302

Collection Date: 21-02-2025 06:01:14 PM

Mobile No. :-6203260501

Report Date :21-02-2025 06:01:15 PM

URINE EXAMINATION**Test****URINE ROUTINE EXAMINATION**

1. Sediments

Absent

2. Quantity

5 ml

0-50

PHYSICAL EXAMINATION

3. COLOUR

Pale straw color

4. APPEARANCE

Clear

5. SP. GRAVITY

1.020

Chemical Examination

6. PH

6.0

4.8-7.4

7. Glucose

NIL

8. PROTEIN

NIL

9. KETONES

NIL

10. Bile Salts

Negative

11. Bile Pigments

Absent

12. UROBILINOGEN

NIL

13. Leucocytes

NIL

14. Erythrocytes

NIL

15. Epithelial Cells

NIL

/hpf

Name: g/Le
Pathologist



ID: 21022025/46637

Lab No.: Lab-58302

Pt. Name: Mrs. ANKU RAI

Collection Date: 24-02-2025 11:42:43 AM

Age/Sex : 32 Yrs. / Female

Mobile No. :- 6203260501

Consultant: -Dr Shanti Roy

Report Date : 24-02-2025 11:42:43 AM

MICROBIOLOGY

Test	Value	Flag	Unit	Normal Range	Remarks
Urine Culture					
1. Organism Isolated	Growth				
2. Amikacin	++++		.		
3. Erythromycin	++		.		
4. ampicilin	x		.		
5. Amoxycillin	x		.		
6. Gentamycin	+++		.		
7. Cephalexin	x		.		
8. Levofloxacin	++		.		
9. Cefixime	++		.		
10. Ciprofloxacin	x		.		
11. Cefperazone	+++		.		
12. Norfloxacin	++		.		
13. Septran	++		.		

Naamte a/le
Pathologist

PATIENT INFORMATION

NAME **Rai, Anku**

PATIENT CODE: 173/22/02/2025

DOB: 21/07/1992

LMP: 21/11/2024

PHYSICIAN: DR. SHANTI ROY

DOUBLE MARKER

SPECIMEN

SPECIMEN CODE: Matrika

COLLECTION DATE: 21/02/2025

RECEIVED: 22/02/2025

REFERRING LAB #: Matrika

REPORTED: 22/02/2025

CLINICAL INFORMATION

GESTATIONAL AGE: 12 weeks 0 day
from CRL of 54.0 mm on 21/02/2025

MATERNAL AGE AT TERM: 33.1 years

MATERNAL WEIGHT: 64.0 kg

MATERNAL RACE: ASIAN

MATERNAL IDDM: No

GESTATION: Singleton

SCREENING STATUS: Initial sample

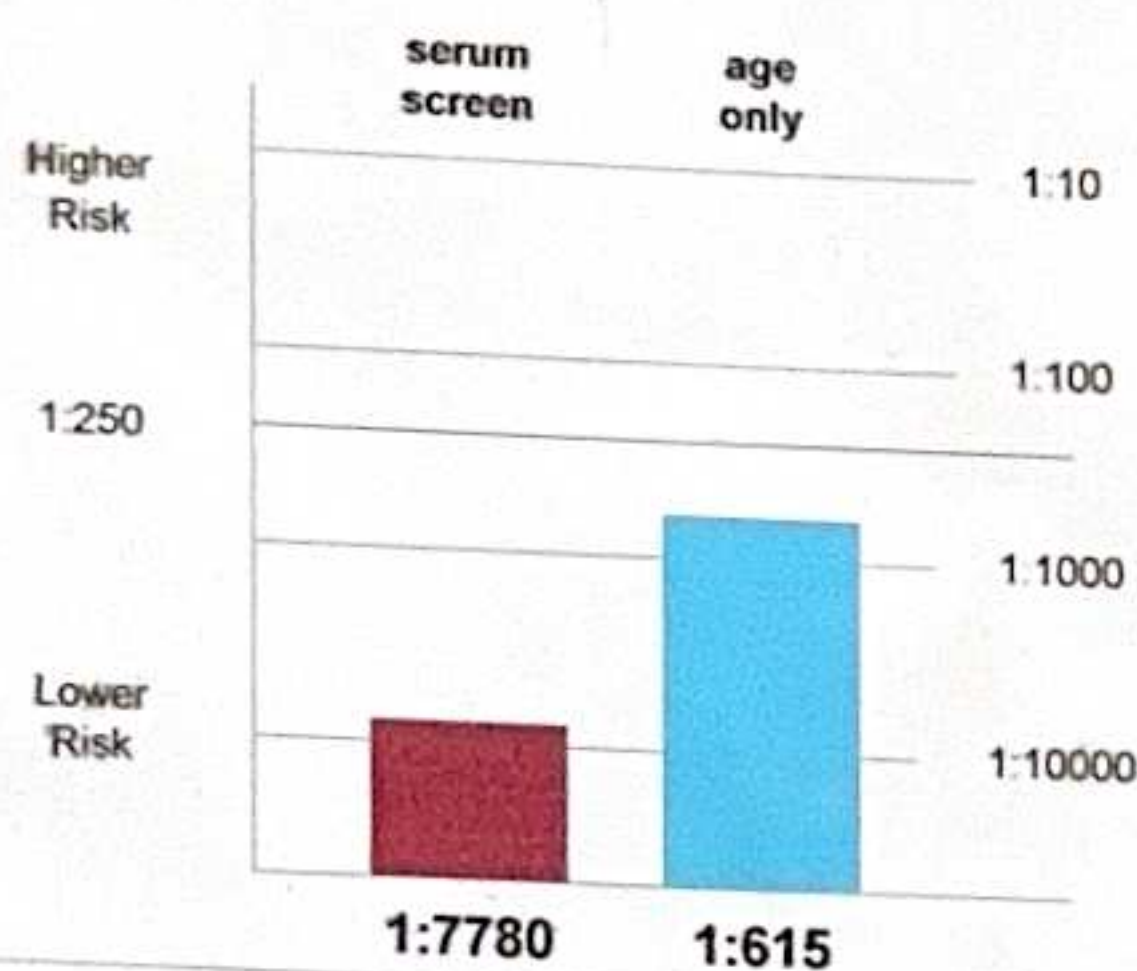
CLINICAL RESULTS

Assay	Results	MoM
PAPP-A	0.52 ug/ml	0.69
hCG (T1)	66.0 IU/ml	1.08
NT	1.2 mm	1.08
NB:	Present	

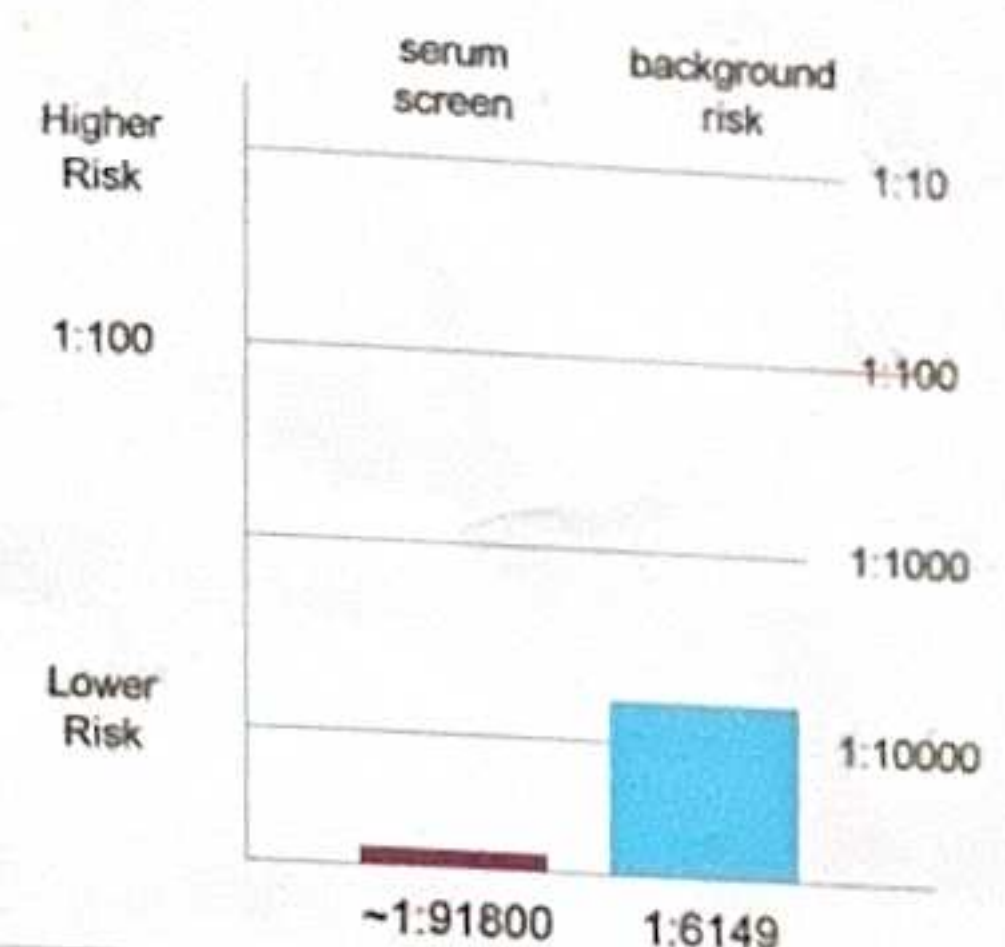
Risk Assessment (at term)

Down Syndrome	1:7780
Age alone	1:615
Equivalent Age Risk	<15.0
Trisomy 18	~1:91800

DOWN SYNDROME



TRISOMY 18



Interpretation*

DOWN SYNDROME

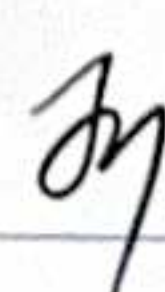
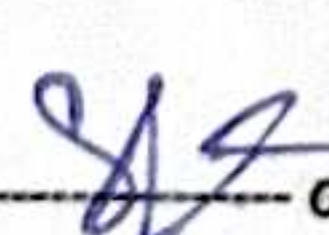
Low Risk

The risk of Down syndrome is LESS than the screening cut-off.

TRISOMY 18

Low Risk

The risk of trisomy 18 is less than the screening cut-off.

Reviewed by: Test performed by  on Beckman Coulter Access 2 & Benetech PRA software

Printed 22/02/2025 15:46:46

NOT FOR MEDICO-LEGAL PURPOSE. Accuracy of Gestational Age is essential for valid interpretation.

CIN No; U85110BR2015TC024623

REPORT OF ULTRASONOGRAPHY

Name of Patient :- Mrs. Anku Rai
Region Examined:- Foetal Well Being

Date -21-Feb-25

INTRAUTERINE PREGNANCY (NT SCAN)

(A) FOETAL Spine :- Normal
Movement :- Present.
Number :- Single.

F.H.R 142 B/mt.

B.P.D .measures (16 mm) corres. 12 weeks 2 days \pm weeks gestation

C.R.L. measures (54 mm) corres. 12 weeks 1 days \pm weeks gestation.

Placenta :- posterior

(C) Liquor :- Q.S.

(D) Cervix :- 3.8 cm in length, normal. Internal os closed.

(E) Any Other Findings:- NT-1.2 mm normal Length of nasal bone- 2.2 mm

E.D.D. = 3/9/25

IMPRESSION:- Single live intrauterine foetus with adequate liquor.
Composite age is 12 wks 2 days \pm weeks.

Dr. Nupur Rani
MBBS DNB(R) Radiodiagnosis

Mrs. Anku Rai declare that by undergoing ultrasonography ,Ido not want to know the sex of my foetus

Signature

Anku Rai

I Dr .Nupur Rani hereby declare that while conducting ultrasonography on Anku Rai I have neither detected nor disclosed the sex of her foetus to any body in any manner

Signature

Early OB

Height cm Weight kg

13 w 1 d Clinical EDC 28/08/2025

12 w 2 d US EDC 03/09/2025

54.6 mm
16.5 mm

EFW1
EFW2 JSUM
HADLOCK2 (BPD, AC, FL)
(BPD, AC, FL)

Page 1/2 Prev Next Link Files Send Report Fetus: A
WorkSheet Graph Return





ID: 21022025/46637

Pt. Name: Mrs. ANKU RAI

Age/Sex :32 Yrs. / Female

Consultant:-Dr Shanti Roy

Lab No.:Lab-1466

Collection Date: 09-04-2025

Mobile No. :-6203260501

Report Date :09-04-2025 05:19:13 PM

HAEMATOLOGY

Test	Value	Flag	Unit	NormalRange	Remarks
HB%					
1. HAEMOGLOBIN LEVEL	10.4		gm/dl	11.5-16.5	
2. Haemoglobin	70.75		%		

BIOCHEMISTRY

Test	Value	Flag	Unit	NormalRange	Remarks
Blood Sugar 75 Gram Glucose after 2 hour					
1. Blood Sugar 75 Gram Glucose after 2 hour	120		mg/dl	70-140	

Nante a/ha
Pathologist



Patient Name	: ANKU RAI	Patient ID	: 9063
Age	: 25 Years	Sex	: F
Referring Physician	: DR. SHANTI ROY	Modality	: USG
	MBBS,DGO,MS.		
Study Date	: 09- APR-2025	Study	: FWB

L.M.P :21.11.2024

Report

G.A. (By L.M.P) :-19 WEEKS -06 DAYS

UTERUS : Single live active foetus in variable presentation at the time of scan. Foetal cardiac activity is noted in B-mode and corroborated in M-mode study.

FOETAL PARAMETERS :

B. P. D.	4.13 cm.	(Corresponds to 18 weeks 04 days)
H. C.	14.42 cm.	(Corresponds to 18 weeks 03 days)
A. C.	15.12 cm.	(Corresponds to 20 weeks 03 days)
F. L.	3.16 cm.	(Corresponds to 19 weeks 06 days)

FOETAL HEART RATE : 150 Beats / min.

FOETAL WEIGHT : 319 Gms. (± 47 GRAM)

AVG.GESTATIONAL AGE : 19 Weeks 02 Days

E. D. D. : 28.08.2025 (By LMP)

E. D. D. : 01.09.2025 (By USG)

PLACENTA : Placenta in fundus posterior wall. Grade I Maturity Lower margin is well above the Internal OS. Internal O.S. is closed.

LIQUOR : Cervical length is 3.4 cm.
Adequate. Largest pocket measuring ~ 6.0 cm.

ANOMALY SCAN

- A detailed examination of the foetus was done to look for congenital anomalies.

HEAD (Neurosonogram)

- Midline falx seen interrupted by cavum septum pellucidum
- Occipito-parietal sulcus and sylvian fissure identified.
- Both lateral ventricles appeared normal.
- The cerebellum and cisterna magna are normal.
- No intracranial calcification is identified.
- Right ventricle measures : 0.49 cm.
- Nuchal fold thickness is : 0.45 cm.
- Trans cerebellar diameter is : 1.9 cm.
- Cistern magna is : 0.43 cm.

SPINE

- Entire spine visualized in longitudinal and transverse axis.
- Vertebrae and spinal canal appeared normal.
- No evidence of neural tube defect.
- Iliac blade seen on other side.

NECK

- No cystic lesion seen around the neck.

Cont.

Thanks for kind referral,

DR. SURBHI KUMARI (CONSULTANT RADIOLOGIST)
DNB (RADIO DIAGNOSIS, APOLLO CHENNAI)

Note: This report is only a professional opinion and needs to be correlated clinically. Not valid for medico-legal purposes.



150 - B, Road No. 4, Near Rajendra Nagar Baby Park, Rajendranagar, Patna - 16

Contact : 90315 10222 / 333 / 444 / 555

Website : www.ranimagingcentre.com | Email : info@ranimagingcentre.com





Patient Name : ANKU RAI
Age : 25 Years
Referring Physician : DR. SHANTI ROY
Study Date : 09- APR-2025
Patient ID : 9063
Sex : F
Modality : USG
Study : FWB

Cont....
FACE

Report

- Foetal face seen in the coronal and profiles views.
- Both Orbits, nose and mouth appeared normal.
- Nasal bone length is :0.55 cm.

THORAX

- Normal cardiac situs and axis. Four chamber view normal.
- Outflow tracts (RVOT & LVOT) appears normal.
(Foetal echocardiography not done in this scan).
- Both lungs seen. No evidence of pleural or pericardial effusion.
- No evidence of obvious S.O.L. in the thorax.
- 3 vessel view show normal anatomy.

ABDOMEN

- Abdominal situs appeared normal. Stomach bubble seen.
- Normal bowel pattern appropriate for the gestation seen.
- No evidence of ascites.
- Abdominal wall intact with cord insertion noted.
- Both kidneys and bladder appeared normal.

LIMBS

- All foetal long bones visualized and appear normal for the period of gestation.
- Both hands and feet appeared grossly normal (Fingers and toes are not counted).
- Foot length is :2.6 cm.

3 VESSEL CORD IS SEEN.

RT UTERINE ARTERY : RI- 0.72 PI - 1.31 S/D - 2.84
LT UTERINE ARTERY : RI- 0.72 PI - 1.53 S/D - 2.97


Ductus venosus show positive 'a' wave.

(It must be noted that detailed fetal anatomy may not be visible due to technical difficulties related to gestational age, fetal position, amniotic fluid volume, fetal movements and abdominal wall thickness. Therefore all fetal anomalies may not necessarily be detected at every examination)

CONCLUSION :

- Single live active fetus in variable presentation at the time of scan and of average gestational age : 19 weeks 02 days.
- There is no obvious abnormality detected in visualized parts of the fetus in this examination.
I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

Thanks for kind referral,


DR. SURBHI KUMARI (CONSULTANT RADIOLOGIST)
DNB (RADIO DIAGNOSIS, APOLLO CHENNAI)

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CIN: U85100BR2018PTC040281



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Lab No.:Lab-8325

Collection Date: 19-05-2025

Mobile No. :-6203260501

Report Date :19-05-2025 07:58:04
PM

BIOCHEMISTRY

Test	Value	Flag	Unit	NormalRange	Remarks
Blood Sugar Random					
1. Blood Sugar Random	124		mg/dl	60-120	
SGPT					
1. SGPT	78		u/ml	9-43	

Naute g/La
Pathologist